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CLAIMS

1. A pressure-sensing connector intended more particularly for an endoscopy system, comprising a
5 fluid communication path (19, 21), a blind compartment (39a, 39b) that opens onto the communication path (19, 21) via a duct (41a, 41b) and is closed off by a membrane (37a, 37b) that deforms according to the pressure in the communication path (19, 21), and a
10 means for transmitting a quantity representative of the pressure in the communication path according to the deformation of the membrane, characterized in that the communication path (19, 21), the duct (41a, 41b) and the blind compartment (39a, 39b) are formed in the same
15 rigid part (43) to which the membrane (37a, 37b) is attached.

2. The connector as claimed in claim 1, characterized in that two communication paths (19, 21) and two blind compartments (39a, 39b) are formed in the rigid part (43), each blind compartment opening onto one of the two communication paths (19, 21) and each being closed off by a membrane (37a, 37c) attached to the rigid part (43).

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3. The connector as claimed in claim 2, characterized in that each blind compartment (39a, 39b) opens onto each communication path (19, 21), respectively.

30 4. The connector as claimed in claim 2, characterized in that the two blind compartments (39a, 39b) open onto the same communication path (19).

35 5. The connector as claimed in claim 1 or 2, characterized in that the membrane closes off both the blind compartment (39a, 39b) and a pressure-transmitting chamber (35a, 35b), connected to the rigid

part (43), in order to convert the deformation of the membrane (37a, 37b) into a pressure representative of the pressure in the communication path (19, 21).

- 5 6. The connector as claimed in claim 5, characterized in that the pressure-transmitting chamber (35a, 35b) is filled with air in order to convert the deformation of the membrane (37a, 37b) into an air pressure.
- 10 7. The connector as claimed in claim 1 or 2, characterized in that the rigid part (43) is provided with a polarizing feature (45).
- 15 8. The connector as claimed in claim 1 or 2, characterized in that the rigid part (43) is made of injection-molded plastic.